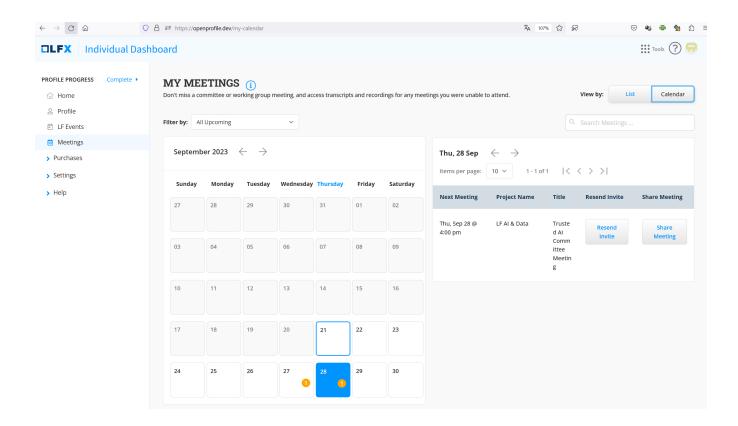
GAC Responsible AI Workstream

22 Feb 2024 22.02.2024 The Transformation of the Trusted Al Committee to Responsible Al as a Generative Al Commons Workstream – LFAI & Data (Ifaidata.foundation)

08 Sep 2023 We switched to the new LFX system for meeting sheduling and recording. All previous mailing list subscribers should be listed as LFX Members of the Committee. At https://openprofile.dev/ you should be able to see all the recordings.



(Screenshot of the calender of openprofile)

Overview

Below is an overview of the current discussion topics within the Trusted Al Committee. Further updates will follow as the committee work develops.

- Focus of the committee is on policies, guidelines, tooling and use cases by industry
- Survey and contact current open source Trusted AI related projects to join LF AI & Data efforts
- Create a badging or certification process for open source projects that meet the Trusted Al policies/guidelines defined by LF Al & Data
- Create a document that describes the basic concepts and definitions in relation to Trusted Al and also aims to standardize the vocabulary /terminology

Assets

- Calendar: https://lists.lfaidata.foundation/g/trustedai-committee/calendar
- Slack: Ifaifoundation.slack.com
- Mailing list: Feed (Ifaidata.foundation)
 - Please self subscribe to the mail list here at https://lists.lfaidata.foundation/g/trustedai-committee
 - Visit the Trusted Al Committee Group Calendar to self subscribe to meetings
 - Or email trustedai-committee@lists.ifaidata.foundation for more information

- Repo: Trusted-AI (github.com)
- Principles working group: https://wiki.lfai.foundation/display/DL/Principles+Working+Group
- Meeting hosts / moderators: Trusted Al Committee Community Meetings & Calendar#, Zoom%20Meeting%20Links%20%26%20Hosts,-Please%20visit%20the
- Meeting Zoom: https://zoom-lfx.platform.linuxfoundation.org/meeting/94505370068?password=bde61b75-05ae-468f-9107-7383d8f3e449
- Other meeting notes: LFAI Trusted AI Community Meeting Google Docs (outdated / deprecated, new meeting notes are published here)

Meetings

Team Calendars

Trusted Al Committee Monthly Meeting - 4th Thursday of the month (additional meetings as needed)

- 10 AM ET USA (reference time, for all other meetings the time conversion has to be checked for daylight savings)
- 10 PM Shenzen China
- 7:30 PM India
- 4 PM Paris
- 7 AM PT USA (updated for daylight savings time as needed)

Zoom channel:

https://zoom-lfx.platform.linuxfoundation.org/meeting/94505370068?password=bde61b75-05ae-468f-9107-7383d8f3e449

Committee Chairs

Name	Region	Organization	Email Address	LF ID	Linkedin
Andreas Fehlner	Europe	ONNX	fehlner@arcor.de	Andreas Fehlner	https://www.linkedin.com/in/andreas-fehlner- 60499971
Susan Malaika	America	IBM	malaika@us.ibm.com	Susan Malaika (but different email address)	https://www.linkedin.com/in/susanmalaika
Suparna Bhattacharya	Asia	HPE	suparna.bhattacharya@hpe.	Suparna Bhattacharya	https://www.linkedin.com/in/suparna-bhattacharya- 5a7798b
Adrian Gonzalez Sanchez	Europe	HEC Montreal / Microsoft / OdiseIA	adrian.gonzalez- sanchez@hec.ca	Adrian Gonzalez Sanchez(but different email address)	https://www.linkedin.com/in/adriangs86

Participants

Initial Organizations Participating: IBM, Orange, AT&T, Amdocs, Ericsson, TechM, Tencent

Name	Organization	Email Address	LF ID
Ofer Hermoni	PieEye	oferher@gmail.com	Ofer Hermoni
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Alejandro Saucedo	The Institute for Ethical AI and Machine Learning	a@ethical.institute	Alejandro Saucedo
Jim Spohrer	Retired IBM, ISSIP.org	spohrer@gmail.com	Jim Spohrer
Saishruthi Swaminathan	IBM	saishruthi.tn@ibm.com	Saishruthi Swaminathan
Susan Malaika	IBM	malaika@us.ibm.com	sumalaika (but different email address)

Romeo Kienzler	IBM	romeo.kienzler@ch.ibm.com	Romeo Kienzler
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Jeff Cao	Tencent	jeffcao@tencent.com	
Ron Doyle	Broadcom	ron.doyle@broadcom.com	

Sub Categories

- Fairness: Methods to detect and mitigate bias in datasets and models, including bias against known protected populations
 Robustness: Methods to detect alterations/tampering with datasets and models, including alterations from known adversarial attacks
 Explainability: Methods to enhance understandability/interpretability by persona/roles in process of AI model outcomes/decision recommendations, including ranking and debating results/decision options

 • Lineage: Methods to ensure provenance of datasets and Al models, including reproducibility of generated datasets and Al models

Projects

Name	Github	Website
Al Fairness 360	https://github.com/IBM/AIF360	http://aif360.mybluemix.net/
Adversarial Robustness 360	https://github.com/IBM/adversarial-robustness-toolbox	https://art-demo.mybluemix.net/
Al Explainability 360	https://github.com/IBM/AIX360	http://aix360.mybluemix.net

Meeting Content (minutes / recording / slides / other)

Date	Agenda/Minutes
Thu, Sep 28 @ 4:00 pm	Zoom Recording Link: https://zoom.us/rec/play/9wmVWdg8wlCuv3E8CVNfKl4uxZA-IHC5RCdwZikVHj4zb3cvvQVw7sE0DQ2vw7XgXT2UgmrFelOa3FEWgQfopF1nWY820Pf? canPlayFromShare=true&from=share_recording_detail&continueMode=true&componentName=rec-play&originRequestUrl=https%3A%2F%2Fzoom.us%2Frec%2Fshare%2FWCKI- kYX2WJWEm_pa39jWYw8YCxMxxpFc5nHXqzXXaE6Uo_6SUQMLuX1rznqX8s.LBD6697U22Q-rk55
	Recording could be also accessed by http://openprofile.dev
Trusted AI Committee	

24 Aug 2023		* Migration to LFX				
	GMT20230824-13686x2304.mp4					
11 Aug 2023		v September 7 at 9am US Eastern				
27 Jul 2023	Agenda Suparna @Suparna Bhattacharya & Gabe @Rodolfo (Gabe) Esteves etc report on CMF developments with ONNX - 10 mins Suparna @Suparna Bhattacharya & Vijay @Vijay Arya etc report on CMF developments with AI-Explainability-360 - 10 mins Vijay @Vijay Arya on what's new in AI-Explainability-360 https://github.com/Trusted-AI/AIX360/releases including the time series feature - 10 mins Question to @Vijay Arya from @Len Shelbey : Is this something we want to create a social post for? Andreas's guest @Andreas Fehlner (Martin Nocker)- Homomorphically Encrypted Machine learning with ONNX models - 15 mins Review the TAC materials - 10 mins (Initial draft agenda attached in slack) - We'll discuss the date and the content Adrian @Adrian Gonzalez Sanchez, Ofer @Ofer Hermoni, Ali @Ali Hashmi, Phaedra @Phaedra Boinodiris - Blog news and anything else					
13 Jul 2023		Sabe and Soumi Das F, Explainability - illustrating the benefits				
	Truste	d Al Workty-20230713.txt				
22 Jun	Trusted AI Working Session-CMF and AI Explainability-20230713.mp4 In MarkTechPost, Jean-marc Mommessin					
2023						
	Al Explainability, Vijay Arya					
	Recording (video) Zoom					

Open Voice Network Follow-On - 20 minutes @Lucy Hyde invites John Stine & Open Voice Network folks e.g., Nathan Southern ONNX Metadata Get-Started https://ornx.ai/- Led by @Saurabh Tangri owner CMX is mayer@fisheb.com/onnx and the PTronch effort on Quick brainform on possibilities for ONNX metadata (Led by @Supama Bhattacharya & @Saurabh Tangri - with volunteers Martin Foltin (need to get him on the slack if possible) Blogs Progress (perhaps @Notes Annar and Jan Selety var interested in promoting) On the Role of Open Source for Accountable A - Part 2 @Adrian Gorzalez Sanchez @Oter Heimoni Folkword for Medicatal Lineage/Provenance activity Hings/github.com/thee/depRackruffort. Led by Supama and team On Also try to checkin with Vilay Anya on Alx 360 and @Beat Buesser with ART - re: metadata connections **Committee Mission Statement Review - including badging discussion **Highlights from US Senates Subcommittee on Judiciary **News from EU Act Senates Subcommittee on Senates Senates

Slides - ONNX

25 May

Part 0 - Metadata / Lineage / Provenance topic from Suparna Bhattacharya & Aalap Tripathy & Ann Mary Roy & Professor Soranghsu Bhattacharya & Team Part 1 - Open Voice Network - Introductions https://open

blocked URLOpen Voice Network, The Open Voice Network, Voice assistance worthy of user trust—created in the inclusive, open-source style you'd expect from a community of The Linux Foundation.

Part 2 - Identify small steps/publications to motivate concrete actions over 2023 in the context of these *pillars*: Technology | Education | Regulations | Shifting power : Librarians / Ontologies / Tools Possible Publications / Blogs

Interplay of Big Dreams and Small Steps |
Inventory of trustworthy tools and how they fit - into the areas of ACT |Metadata, Lineage and Provenance tools in particular |
Giving power to people who don't have it - Phaedra @Phaedra Boinodiris and Ofer @Ofer Hermoni

-- Why give power; The vision - including why important to everyone including companies

More small steps to take / blogs-articles to write

Initiatives to help shift power like Girl Scouts initiatives - @Phaedra Boinodiris
Ways of incorporating Stake Holders - Volunteers?
Bringing together Data Curators and Data Practitioners - @Phaedra Boinodiris
On the nature of bias and its application - Bias as a positive rather than as a negative - Careful Use of Bias - Neal Fishman
On the role of Transparency and Ontologies - Ali Hashmi @Ali Hashmi

Hallucinations and why they are scary

Part 2 of The Role of Open Source for Accountable AI - Adrian Gonzalez Sanchez @Adrian Gonzalez Sanchez and Ofer @Ofer Hermoni

Part 3 - Review goals of committee taken from https://wiki.lfaidata.foundation/display/DL/Trusted+Al+Committee - including whether we want to go ahead with badges

Below is an overview of the current discussion topics within the Trusted Al Committee. Further updates will follow as the committee work develops.

Focus of the committee is on policies, guidelines, tooling and use cases by industry
Survey and contact current open source Trusted AI related projects to join LF AI & Data efforts
Create a badging or certification process for open source projects that meet the Trusted AI policies/guidelines defined by LF AI & Data
Create a document that describes the basic concepts and definitions in relation to Trusted AI and also aims to standardize the vocabulary/terminology

NOTE - Here is info about a document that the LFAI Trusted AI Committee already published https:///faidata.foundation/blog/2021/02/08/lf-ai-data-announces-principles-for-trusted-ai/

Part 4 - Any highlights from the US Senate Subcommittee on the Judiciary - Oversight on Al hearing

Part 5 - Any Other Business

Recording (video)



Sourangshu Bhatt...entation (1).pdf

26 Apr 2023

Join the Trusted AI Committee at the LF-AI for the upcoming session on April 27 at 10am Eastern where you will hear from:

Adrian Gonzalez Sanchez: From Regulation to Realization – Linking ACT (European Union AI Act) to internal governance in companies Phaedra Boinodiris: Risks of generative AI and strategies to mitigate

All: Explore what was presented and suggest next steps
All: Update the Trusted Al Committee list https://wiki.lfaidata.foundation/display/DL/Trusted+Al+Committee

Suparna Bhattacharva: Call to Action

We all have prework to do! Please listen to these videos:

Al Ethics: Global Perspectives @Adrian Gonzalez Sanchez https://aiethicscourse.org/lectures/data-protection-and-ai Risks of Large Language Models @Phaedra Boinodiris https://www.youtube.com/watch?v=r4kButIDLUc

We look forward to your contributions

Recording (video)

Recording (audio)

06 Apr 2023

Proposed agenda (ET)

- 10am Kick off Meeting
 Housekeeping items:
 Wilki page update
 Online recording
 Others

 10:05 Generative Al and New Regulations Adrian Gonzalez Sanchez
 Presentation (PDE)



20230406 - Gen...ez Sanchez.pdf

- 10:15 Discussion
- 10:15 DISCUSSION
 10:30 Formulate any next steps
 10:35 News from the open source Trusted Al projects • 10:35 - News from the open • 10:45 - Any other business

08 Feb 2023

Invitees: Beat Buesser; Phaedra Boinodiris; Alexy Khrabov, David Radley, Adrian Gonzalez Sanchez

Optional: Ofer Hermoni, Nancy Rausch, Alejandro Saucedo, Sri Krishnamurthy, Andreas Fehlner, Suparna Bhattacharya

Attendees: Beat Buesser, Phaedra Boinodiris, Alexy Khrabov, Adrian Gonzalez Sanchez, Ofer Hermoni, Andreas Fehlne

Discussion

- Phaedra Consider: Large Language Models opportunity and risks in the context trusted ai how to mitigate risk Adrian: European Union Al Act https://artificialintelligenceact.eu/
 Suparna what does it mean foundation models in general, where language models is one example. Another related area is data centric trustworthy Al in this context
 Alexy Science More work on understanding at the scientific way (e.g., Validation in Medical Context) software engineering ad hoc driven by practice
 Fast Forward what's next for ChatGPT
 Andreas: File Formats for Models additional needs for Trustworthy Al in addition to Lineage
 Idea: Create a PoV Trustworthy Al for Generative application Take Al ACT approach
 Gaps in EU AT Act: https://venturebeat.com/ai/coming-ai-regulation-may-not-protect-us-from-dangerous-ai/ useful source

Next steps

- Set up a series of calls through the LF-Al Trusted Al mechanisms to have the following presenters
 Run 3 sessions with presentations
 Adrian Gonzalez Sanchez
- - Narian Gonzalez Ganchez
 Phaedra Boinodaria, IBM
 Suparna Bhattacharya, suparna.bhattacharya@hpe.com, HPE
- Then create a presentation and/or document
 Create the synthesis -A Point of View on : Trustworthy AI for Generative Applications
 Occasionally the open source project leaders are invited to the call ...
 ACTION: Adrian will schedule next meeting

31 Oct 2022

malaika@us.ibm.com has scheduled a call on Monday October 31, 2022 to determine next steps for the committee due to a change in leadership- please connect with Susan if you would like to be added to the call

The group met once a month - on the third Thursday each month at 10am US Eastern. See notes below for prior calls . Activities of the committee included:

- Reviewing all trusted AI related projects at the LF-AI and making suggestions e.g., AI Fairness 360
 AI Explainability

- Al Explanationity
 Adversarial Robustness Toolbox
 Related projects such as Egeria, Open Lineage etc
 Reviewing the activities of the subgroups known as working groups and making suggestions
- MLSecOps WG
- Highlighting new projects that should/could be suitable for the LF-AI
- Identifying trends in the industry in Trusted AI that should be of interest to the LF-AI
 Initiating Working Groups within the Trusted AI Committee at the LF-AI to address particular issues

Reporting to:

- The LF-Al Board of Governors on the activities of the Committee and taking guidance from the board next meeting on Nov 1, 2022
 The LF-Al TAC making suggestions to the TAC and taking guidance

Questions:

- Should the Trusted Al Committee continue to meet once a month with similar goals?
- Identify the overall program and approach for 2023 should that be the subject of the next Trusted Al Committee Call?

 - Host the meetings?
 Identify the speakers?
 Make sure all is set speakers and community?
 - ° Should the Trusted Al Committee take an interest in the activities of the PyTorch Consortium?

Invitees and interested parties on the call on October 31, 2022

- HPE Suparna Battacharya
 IBM Beat Buesser David Radley Christian Kadner Ruchi Mahindru Susan Malaika Cheranellore(Vasu) Vasu William Bittles;
 Beat leads the Adversarial Robustness Toolbox a graduated project at the LF-AI
 David works on Egeria Project a graduated project at the LF-AI

- William is involved in open lineage
 Susan co-led Principles WG a subgroup of Trusted Al Committee work completed
 Institute for Ethical Al Alejandro Saucedo Alejandro is also at Seldon Leads MLSec Working Group a subgroup of Trusted Al Committee
- GuantUniversity Sri Krishnamurthy
 SAS Nancy Rausch Currently chair of LF-Al and Data TAC
 Trumpf Andreas Fehlner

19 Nov 2020

Recording (video) Recording (audio)

Principles report =(R)REPEATS

22 Oct 2020

Recording (audio)

Recording (video)

LFAI Trusted AI Committee Structure and Schedule: Animesh Singh

Real World Trusted Al Usecase and Implementation in Financial Industry: Stacey Ronaghan

AIF360 Update: Samuel Hoffman

AIX360 Update: Vijay Arya

ART Update: Beat Buesse

01 Oct 2020

Recording (audio)

Recording (video)

Setting up Trusted AI TSC

Principles Update

Coursera Course Update

Calendar discussion - Europe and Asia Friendly

17 Sep 2020

Walkthrough of LFAI Trusted AI Website and github location of projects

Trusted Al Video Series

Trusted Al Course in collaboration with University of Pennsylvania

20 Aug 2020

Z-Inspection: A holistic and analytic process to assess Ethical AI - Roberto Zicari - University of Frankfurt, Germany

Age-At-Home - the exemplar of TrustedAl, David Martin, Hacker in Charge at motion-ai.com

06 Aug 2020 Plotly Demo with SHAP and AIX360 - Xing Han, Plot.ly Explain the Tips dataset with SHAP: Article, Demo Heart Disease Classification with AIX360: Post, De Community-made SHAP-to-dashboard API: Post Swiss Digital Trust Label - short summary - Romeo Kienzler, IBM Announced by Swiss President Doris Leuthard at WEF 2nd Sept. 2019 Geneva based initiative for sustainable and fair treatment of data Among others, those companies are involved already Google, Uber, IBM, Microsoft, Facebook, Roche, Mozilla, Booking.com, UBS, Credit Suisse, Zurich, Siemens IKRK, EPFL, ETH, UNO Booking.com, Credit Suisse, IBM, Swiss Re, SBB, Kudelski and Canton of Waadt to deliver pilot 23 Jul 2020 Watson OpenScale and Trusted AI - Eric Martens, IBM LFAI Ethics Training course https://github.com/lfai/ai-ethics-training/blob/master/ai-ethics-outline.md Recording: LFAI TAIC 2020...deo zoom_0.mp4 Slack: https://lfaifoundation.slack.com/archives/CPS6Q1E8G/p1595515808086900 09 Jul 2020 Montreal AI Ethics Institute Presentation Status on Trusted AI projects in Open Governance 28 May · Principles Working Group update - Susan Malaika · Trusted AI Committee activities summarization for Governing board - Animesh Singh 14 May 2020 Swaminathan Chandrasekaran, KPMG Managing Director would be talking about how they are working with practitioners in the field on their Al Governance and Trusted Al needs. Susan Malaika from IBM will be giving an update from the Principles Working Group, and progress there. 30 Apr 2020 Saishruthi Swaminathan to do a presentation on Al Transparency in Marketplace Francois Jezequel to present on Orange Responsible Al initiative. 16 Apr 2020 Andrew and Tommy did a deep dive in Kubeflow Serving and Trusted Al Integration Principles Working Group discussion 19 Mar Al for People is focused on the intersection of Al and Society with a lot of commonality with the focus areas of our committee. Marta will be joining to present their organization and what they are working on. Proposal of Use Case to be tested by AT&T using Apache Nifi and AIF360 (romeo) 20 Feb 2020 Introduction to baseline data set for Al Bias detection (romeo) Exemplar walk-through: retrospective bias detection with Apache Nifi and AIF360 (romeo) Principles Working Group Status Update (Susan) 23 Jan Discuss AIF360 work around SKLearn community (Samuel Hoffman, IBM Research demo) Discuss "Many organizations have principles documents, and a bit of backlash - for not enough practical examples." Resource • Watch updates on production ML with Alejandro Saucedo done with Susan Malaika on the Cognitive Systems Institute call: Notes from the call: https://github.com/lfai/trusted-ai/blob/master/committee-meeting-notes/notes-20200123.md 12 Dec 2019 Meeting notes are now in GitHub here: https://github.com/lfai/trusted-ai/tree/master/committee-meeting-notes Since we don't record and share our committee meetings should our committee channel in Slack be made private for asyncronous conversation outside these calls? Introduction of MLOps in IBM Trusted AI projects Design thinking around integrating Trusted AI projects in Kubeflow Serving Notes from the call: https://github.com/lfai/trusted-ai/blob/master/committee-meeting-notes/notes-20191212.md

14 Nov 17 Oct 2019

Proposed Agenda:

- Jim to get feedback from LFAI Board meeting
 Romeo to demo AlF360 -Nifi Integration + feedback from his talk at OSS Lyon
 Alka to present AT&T Working doc
 Discuss holiday week meeting potential conflicts (28 Nov US Holiday, 26 Dec Day after Christmas)

Notes from call: https://github.com/lfai/trusted-ai/blob/master/committee-meeting-notes/notes-20191114.md

Ofer, Alka, Francois, Nat, Han, Animesh, Jim, Maureen, Susan, Alejandro

Summary

- Animesh walked through the draft slides (to be presented in Lyon to LFAI governing board about TAIC)
- Discussion of changes to make
 Discussion of members, processes, and schedules

Detail

- Jim will put slides in Google Doc and share with all participants
 Susan is exploring a slack channel for communications

- Trust and Responsibility, Color, Icons to add Amdocs, Alejandro's Institute
 Next call Cancelled (31 October) as many committee members will be at OSS EU and TensorFlow World Notes from the call: https://github.com/lfai/trusted-ai/blob/master/committee-meeting-notes/notes-20191017.md

03 Oct 2019

Attendees:

Animesh Singh (IBM), Maureen McElaney (IBM), Han Xiao (Tencent), Alejandro Saucedo, Mikael Anneroth (Eriksson), Ofer Hermoni (Amdocs)

Animesh will check with Souad Ouali to ensure Orange wants to lead the Principles working group and host regular meetings. Committee members on the call were not included in the email chains that occurred so we need to confirm who is in charge and how communication will occur.

The Technical working group has made progress but nothing concrete to report.

A possible third working group could form around AI Standards.

Notes from the call: https://github.com/lfai/trusted-ai/blob/master/committee-meeting-notes/notes-20191003.md

19 Sep 2019

Attendees: Ibrahim. H, Nat .S, Animesh.S, Alka.R, Jim.S, Francios. J, Jeff. C, Maureen. M, Mikael. A, Ofer. H, Romeo.K

Working Group Names and Leads have been confirmed:

- Principles, lead: Souad Quali (Orange France) with members from Orange, AT&T, Tech Mahindra, Tencent, IBM, Ericsson, Amdocs.
 Technical, lead: Romeo Kienzler (IBM Switzerland) with members from IBM, AT&T, Tech Mahindra, Tencent, Ericsson, Amdocs, Orange.
 Working groups will have a weekly meeting to make progress. First read out to LF AI governing board will be Oct 31 in Lyon France.
- The Principles team will study the existing material from companies, governments, and professional associations (IEEE), and some up with set that can be shared with the technical team for feedback as a first step. We need to identify and compile the existing materials.

 The Technical team is working on Acuomos+Angel+AIF360 integration demonstration.

Possible Discussion about third working group

· Goals defined for the meeting:

Discussion about LFAI day in Paris

More next steps

Will begin recording meetings in future calls.

Notes from call: https://github.com/lfai/trusted-ai/blob/master/committee-meeting-notes/notes-20190919.md